ABSTRACT

Devices for attaching a first mass and a second mass and methods of making and using the same are disclosed. The devices can be made from an resilient, elastic or deformable materials. The devices can be used to attach a heart valve ring to a biological annulus. The devices can also be used for wound closure or a variety of other procedures such as anchoring a prosthesis to surrounding tissue or another prosthesis, tissue repair, such as in the closure of congenital defects such as septal heart defects, tissue or vessel anastomosis, fixation of tissue with or without a reinforcing mesh for hernia repair, orthopedic anchoring such as in bone fusing or tendon or muscle repair, ophthalmic indications, laparoscopic or endoscopic tissue repair or placement of prostheses, or use by robotic devices for procedures such as those above performed remotely.